

Commonwealth of Massachusetts
Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

One Winter Street Boston, MA 02108 • 617-292-5500

Charles D. Baker Governor

Karyn E. Polito Lieutenant Governor Matthew A. Beaton Secretary

Martin Suuberg Commissioner

June 2, 2016

Mr. Francis V. Johnson Johnson Brothers Cranberries, LLC 315 Purchase Street Middleboro, MA 02346 RE: CARVER – WMA Johnson Brothers Cranberries, LLC Permit No. 9P4-4-24-052.10

BRPWM03 WMA Permit Transmittal No. X266689

Dear Mr. Johnson:

Please find the attached documents:

- Findings of Fact in Support of the Final Permit Decision.
- Water Management Act Permit for Johnson Brothers Cranberries, LLC withdrawals in the Buzzards Bay Basin.

The signature on this cover letter indicates formal issuance of the attached document. If you have any questions, please contact Jim McLaughlin at (508) 946-2805.

Sincerely,

Regional Engineer

Bureau of Water Resources

jm/encl.

cc: Duane LeVangie, DEP, Boston

ec: Iain Ward, New England Consulting Services
Brooke Monroe, Carver Conservation Agent

Y:\DWP Archive\SERO\Carver-9P442405210-WMA-2016-06-02

Communication For Non-English Speaking Parties - 310 CMR 1.03(5)(a)

Contact Michelle Waters-Ekanem, Diversity Director/Civil Rights: 617-292-5751 TTY# MassRelay Service 1-800-439-2370.

http://www.mass.gov/eea/agencies/massdep/service/justice/

(Version 3.30.15)



1 English:

This document is important and should be translated immediately. If you need this document translated, please contact MassDEP's Diversity Director at the telephone numbers listed below.



2 Español (Spanish):

Este documento es importante y debe ser traducido inmediatamente. Si necesita este documento traducido, por favor póngase en contacto con el Director de Diversidad MassDEP a los números de teléfono que aparecen más abajo.



3 Português (Portuguese):

Este documento é importante e deve ser traduzida imediatamente. Se você precisa deste documento traduzido, por favor, entre em contato com Diretor de Diversidade da MassDEP para os números de telefone listados abaixo.



4(a) 中國(傳統)(Chinese (Traditional):

本文件非常重要,應立即翻譯。如果您需要翻譯這份文件,請用下面列出的電話號碼與M assDEP的多樣性總監聯繫。



4(b) 中国(简体中文)(Chinese (Simplified):

本文件非常重要,应立即翻译。如果您需要翻译这份文件,请用下面列出的电话号码与 MassDEP的多样性总监联系。



5 Ayisyen (franse kreyòl) (Haitian) (French Creole):

Dokiman sa-a se yon bagay enpòtan epi yo ta dwe tradui imedyatman. Si ou bezwen dokiman sa a tradui, tanpri kontakte Divèsite Direktè MassDEP a nan nimewo telefòn ki nan lis pi ba a.



6 Việt (Vietnamese):

Tài liệu này là rất quan trọng và cần được dịch ngay lập tức. Nếu bạn cần dịch tài liệu này, xin vui lòng liên hệ với Giám đốc MassDEP đa dạng tại các số điện thoại được liệt kê dưới đây.



7 ប្រទេសកម្ពុជា (Kmer (Cambodian):

ឯកសារនេះគឺមានសារៈសំខាន់និង់គួរត្រូវបានបកប្រែភ្លាម។ ប្រសិនបើអ្នកត្រូវបានបកប្រែ ឯកសារនេះសូមទំនាក់ទំនងឆ្នោតជានាយក MassDEP នៅលេខទូរស័ព្ទដែលបានរាយ ខាងក្រោម។



8 Kriolu Kabuverdianu (Cape Verdean):

Es documento é importante e deve ser traduzido imidiatamente. Se bo precisa des documento traduzido, por favor contacta Director de Diversidade na MassDEP's pa es numero indicode li d'boche.



9 Русский язык (Russian):

Этот документ является важным и должно быть переведено сразу. Если вам нужен этот документ переведенный, пожалуйста, свяжитесь с директором разнообразия MassDEP по адресу телефонных номеров, указанных ниже.

Communication For Non-English Speaking Parties - 310 CMR 1.03(5)(a)

Contact Michelle Waters-Ekanem, Diversity Director/Civil Rights: 617-292-5751 TTY# MassRelay Service 1-800-439-2370.

http://www.mass.gov/eea/agencies/massdep/service/justice/

(Version 3.30.15)



:(Arabic) العربية 10

هذه الوثيقة الهامة وينبغي أن تترجم على الفور. اذا كنت بحاجة الى هذه الوثيقة المترجمة، يرجى الاتصال مدير التنوع في MassDEPعلى أرقام الهواتف المدرجة أدناه.



11 한국어 (Korean):

이 문서는 중요하고 즉시 번역해야합니다. 당신이 번역이 문서가 필요하면 아래의 전화 번호로 MassDEP의 다양성 감독에 문의하시기 바랍니다.



12 հայերեն (Armenian)։

Այս փաստաթուղթը շատ կարեւոր է եւ պետք է թարգմանել անմիջապես. Եթե Ձեզ անհրաժեշտ է այս փաստաթուղթը թարգմանվել դիմել MassDEP բազմագանությունը տնօրեն է հեռախոսահամարների թվարկված են ստորեւ.



:(Farsi (Persian) فارسى 13

این سند مهم است و باید فورا ترجمه شده است. این سند مهم است و باید فورا ترجمه شده است. اگر شما نیاز به این سند ترجمه شده، لطفا با ما تماس تنوع مدیر MassDEP در شماره تلفن های ذکر شده در زیر.



14 Français (French):

Ce document est important et devrait être traduit immédiatement. Si vous avez besoin de ce document traduit, s'il vous plaît communiquer avec le directeur de la diversité MassDEP aux numéros de téléphone indiqués ci-dessous.



15 Deutsch (German):

Dieses Dokument ist wichtig und sollte sofort übersetzt werden. Wenn Sie dieses Dokument übersetzt benötigen, wenden Sie sich bitte Diversity Director MassDEP die in den unten aufgeführten Telefonnummern.



16 Ελληνική (Greek):

Το έγγραφο αυτό είναι σημαντικό και θα πρέπει να μεταφραστούν αμέσως. Αν χρειάζεστε αυτό το έγγραφο μεταφράζεται, παρακαλούμε επικοινωνήστε Diversity Director MassDEP κατά τους αριθμούς τηλεφώνου που αναγράφεται πιο κάτω.



17 Italiano (Italian):

Questo documento è importante e dovrebbe essere tradotto immediatamente. Se avete bisogno di questo documento tradotto, si prega di contattare la diversità Direttore di MassDEP ai numeri di telefono elencati di seguito.



18 Język Polski (Polish):

Dokument ten jest ważny i powinien być natychmiast przetłumaczone. Jeśli potrzebujesz tego dokumentu tłumaczone, prosimy o kontakt z Dyrektorem MassDEP w różnorodności na numery telefonów wymienionych poniżej.



19 **हिन्दी** (Hindi):

यह दस्तावेज महत्वपूर्ण है और तुरंत अनुवाद किया जाना चाहिए. आप अनुवाद इस दस्तावेज़ की जरूरत है, नीचे सुचीबद्ध फोन नंबरों पर MassDEP की विविधता निदेशक से संपर्क करें.



Commonwealth of Massachusetts Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

One Winter Street Boston, MA 02108 • 617-292-5500

Charles D. Baker Governor

Karyn E. Polito Lieutenant Governor Matthew A. Beaton Secretary

Martin Suuberg Commissioner

Findings of Fact in Support of Final Permit Decision Water Management Act Permit #9P4-4-24-052.10 Johnson Brothers Cranberries, LLC, Middleboro

The Department of Environmental Protection makes the following *Findings of Fact* in support of the attached Water Management Act (WMA) Permit #9P4-4-24-052.10, and includes herewith its reasons for issuing the permit and for conditions of approval imposed, as required by M.G.L. c. 21G, § 11.

The issuance of this permit is in response to a water withdrawal application (transmittal number X266689) by Johnson Brothers Cranberries, LLC (the "applicant") for the purpose of cranberry cultivation at an existing cranberry bog. The site is located off Cross Street in Carver. The site has an existing six (6) acres of cranberry bog that is registered with the WMA under registration 4-24-052.17. The site was expanded to twenty-one (21) acres of bogs by 1993 without obtaining a Water Management Act water withdrawal permit. The applicant and others were involved in a lengthy legal process with the U.S. Environmental Protection Agency (USEPA) that culminated in the issuance of a Consent Decree that required the applicant to undertake extensive wetland remediation at this site and a second site, both of which have been completed.

The withdrawal is from existing on-site reservoirs and the adjacent Beaver Dam Brook. Flood water for the cranberry cultivation is captured and recycled using a tailwater recovery system. No further construction is proposed.

Notice of this WMA application was published in the Environmental Monitor on September 9, 2015, and mailed to registrants and permittees in the Buzzards Bay Watershed on September 3, 2015. The applicant also completed the public notice requirements stipulated by the WMA regulations at 310 CMR 36.23. The Department received one written comment during the initial comment period that was in support of the application and has received no complaints regarding the site. No impact to private wells is expected since the site has been in continuous operation for the past 22 years without change, and no change is proposed. The applicant filed a Request for Advisory Opinion with the Massachusetts Environmental Policy Act (MEPA), dated February 23, 2015, and the Director of MEPA issued a determination on March 31, 2015, that the project does not require environmental review under MEPA. A draft of this permit was advertised in the Environmental Monitor on April 6, 2016, for a 30-day comment period, and no comments were received.

The Water Management Act

Factors To Be Considered in Permitting

The Water Management Act (M.G.L. c. 21G, § 7) requires that MassDEP issue permits that balance a variety of factors including:

- Impact of the withdrawal on other sources of water;
- Time of year when the withdrawal will be made;
- Water available within the safe yield of the source;
- Reasonable protection of existing water uses, land values, investments and enterprises;
- Use to be made of the water withdrawn;
- Reasonable conservation consistent with efficient water use;
- Reasonable protection of public drinking water supplies, water quality, wastewater treatment capacity, waste assimilation capacity, groundwater recharge areas, navigation, hydropower resources, water-based recreation, wetland habitat, fish and wildlife, agriculture, floodplains; and
- Reasonable economic development and job creation.

Safe Yield in the Buzzards Bay Basin

This permit is being issued under the safe yield methodology adopted by the Department on November 7, 2014, and described in the regulations at 310 CMR 36.13. As of the date of issuance of this permit, the safe yield for the Buzzards Bay Basin is 148.4 million gallons per day (MGD), and total registered and permitted withdrawals are 85.2 MGD, leaving 63.2 MGD potentially available. The maximum withdrawals that will be authorized in this permit, and all other permits currently under review by the Department within the Buzzards Bay Basin, will be within the safe yield and may be further conditioned as outlined in the regulations.

Mitigation Requirements for Cranberry Growers

Water Management Act regulations specify mitigation planning requirements at 310 CMR 36.22(6). Direct mitigation, *i.e.*, activities that can be volumetrically quantified and compared to the permitted volume of water over baseline, is to be evaluated first. Direct mitigation activities outlined in the regulations include surface water releases, returning wastewater to groundwater, stormwater remediation, and infiltration and inflow control programs. However, most of these are likely to be infeasible for cranberry growers and, in the case of surface water releases, counter to the best practices of the industry. Wherever possible, cranberry growers should be returning the water used on their bogs in-season to a tail-water recovery pond to address the water quality impacts associated with the use of fertilizers and pesticides, instead of releasing the water downstream. Cranberry cultivation does not result in wastewater that can be returned to the subsurface, and the Department does not expect them to undertake stormwater remediation and infiltration and inflow programs because they do not have access to or control over stormwater or sewage collection systems.

When direct mitigation is unavailable or insufficient to fulfill a permittee's mitigation requirement, indirect mitigation activities that will improve fluvial habitat must then be considered. Indirect mitigation activities outlined in the regulations include water quality improvements. Typically, cranberry growers have a Farm Plan, developed in conjunction with the Plymouth County Conservation District (PCCD), which serves as a plan of operations for the bogs. A standard feature of the farm planning process is an evaluation of the measures each individual cranberry grower has implemented, or should implement to the extent feasible, to address water quality impacts. The Department believes the adoption and implementation of the recommendations made in an approved Farm Plan during the term of the permit will, in most cases, fulfill a permittee's mitigation requirement.

Permit Conditions

The Department has developed a set of permit conditions at 310 CMR 36.28 that are considered for inclusion in each permit. Not all of these permit conditions apply to every permitted water withdrawal. In addition, some permits have unique permit conditions to address site-specific issues.

Findings of Fact for Johnson Brothers Cranberries Permit Conditions

In the case of Johnson Brothers Cranberries:

- permit conditions specific to public water suppliers do not apply;
- there are no vernal pools or wetlands requiring monitoring to assess withdrawal impacts;
- there are no cold water fisheries;
- minimization requirements do not apply because Johnson Brothers Cranberries is located in the part of the Buzzards Bay Basin underlain by Plymouth-Carver Aquifer, where groundwater withdrawal levels cannot be readily determined;
- water conservation measures specific to cranberry production are required; and
- mitigation is required because this permit authorizes water withdrawals for cranberry production greater than the permittee's authorized withdrawal volume for 2005.

The following Findings of Fact are intended to describe the rationale, and to provide some additional detail, for each of the special conditions in the Johnson Brothers Cranberry permit. The summary of permit conditions, as part of MassDEP's findings of fact, is not intended to, and should not be construed as, modifying any of the Permit conditions. In the event of any ambiguity between the summary and the actual permit conditions, the Permit language shall be controlling.

Special Condition 1, Authorized Annual Withdrawal Volume, sets an annual average withdrawal volume of 0.08 million gallons per day (MGD) for a total of 29.3 million gallons per year (MGY) over 365 days for the cultivation of 15 acres of cranberry bog located off Cross Street in Carver. This volume is based upon 6 acre-feet of water per acre of bog per year as explained in Special Condition 3. This volume is in addition to the registered volume of 0.05 MGD (19.6 MGY) to cultivate the original 6 acres of bog at this site.

The historical formula for calculating water needs for cranberry cultivation assumes an average water requirement of 10 acre-feet of water per year for each acre of bog, or 3.26 MGY for each acre of bog. This formula and the thresholds established for WMA registration and permitting for cranberry bogs, were developed based on studies done by both the U.S. Department of Agriculture, Soil Conservation Service (now NRCS) and representatives of the Massachusetts cranberry industry. This average volume requirement can be greatly reduced by instituting water conservation Best Management Practices (BMPs).

<u>Special Condition 2, Authorized Cranberry Acreage</u>, lists the applicant's permitted and registered acreage at the site.

<u>Special Condition 3, Water Conservation Requirements,</u> acknowledges that the applicant has implemented water conservation BMPs for all of its bogs, including:

- 1. annual flume and dike repair maintenance;
- 2. use of low-volume sprinkler heads;
- 3. on-site water supply/tailwater recovery system;
- 4. return of all unconsumed water back to the water supply/tailwater recovery system;
- 5. laser leveling of bog sections; and
- 6. sequential flooding of bog.

The permitted average daily volume of 0.08 MGD, or 29.3 MGY for the applicant's 15 acres of permitted bog is based on the data provided in the original permit application, as well as the data contained in the 1988 *Water Conservation and Utilization Study Southeastern Massachusetts*, by the U.S. Department of Agriculture, NRCS. A volume of 6 acre-feet of water per year for each acre of bog was used to calculate the permitted volume. The 6 acre-foot per year volume was chosen by comparing the Cross Street Bog's construction characteristics to similar bog construction presented in the 1988 Study (Table A-5R in the Study). Although the annual average daily volume of 0.08 MGD appears to be lower than the permitting threshold of 0.10 MGD, the Water Management permit threshold is based on the highest three consecutive months of water withdrawals. The highest calendar quarter use calculates as 0.16 MGD for the applicant's 15 acres of bog.

Special Condition 4, Mitigation of Withdrawals over 2003-2005 Baseline is required because Johnson Brother Cranberries is increasing their baseline withdrawal of 0.05 mgd (registered water withdrawals to cultivate 6 acres of bog as of 2005) by 0.08 mgd for water withdrawals to cultivate 15 acres of new bog. Johnson Brothers Cranberries' Farm Plan includes specific best management practices, some of them innovative, that provide water quality benefits when they are implemented as part of the operation of the bogs. The Farm Plan is supplemented by an annual publication called the *Cranberry Chart Book* and prepared by the University of Massachusetts Cranberry Experiment Station.

Specific provisions of the Permittee's current Farm Plan that mitigate the impacts of the permitted water withdrawals include cultivation best management practices that provide water quality benefits by:

- 1. optimizing the use of fertilizer per The Best Management Practice Guide and UMass Cranberry Chart Book recommendations for nutrient management;
- 2. retaining excess nutrients through an on-site water supply/tailwater recovery system; and

3. reducing, whenever possible, nutrient and pesticide applications.

Implementation of the approved Farm Plan is required in Special Condition 4 of the permit to fulfill the permittee's mitigation requirement.

General Conditions applicable to all WMA permits are included.

The Department utilized the following information during the review of the application: the Massachusetts Geographic Information System (GIS). The data layers used included: 1997 through 2014 aerial photography, water supply layers, wetlands-related layers, natural habitat layers, DFW Coldwater Fisheries layer, flood zones and USGS maps. The Department WMA staff conducted a site visit at the Cross Street Bogs on October 23, 2015, as well as at other times over the past twenty (20) years.

Please note annual reporting requirements, your renewal date, and any conditions that may apply. The regulations governing this statement can be found at 310 CMR 36.00-36.44. DEP's Timely Action and Fee Provision, 310 CMR 4.00, authorizes an annual compliance fee for Water Management Act registrations and permits. Please also note that this permit is for cranberry cultivation only; any change in use is subject to Department review and may require a permit application.



Commonwealth of Massachusetts Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

One Winter Street Boston, MA 02108 • 617-292-5500

Charles D. Baker Governor

Karyn E. Polito Lieutenant Governor Matthew A. Beaton Secretary

> Martin Suuberg Commissioner

WATER WITHDRAWAL PERMIT M.G.L. c. 21G

This permit is issued pursuant to the Massachusetts Water Management Act for the sole purpose of authorizing the withdrawal of a volume of water as stated below and subject to the following special and general conditions. This permit conveys no right in or to any property beyond the right to withdraw the volume of water for which it is issued.

PERMIT NUMBER: 9P4-4-24-052.10

WATERSHED:

Buzzards Bay

PERMITTEE:

Johnson Brothers Cranberries, LLC

315 Purchase Street

Middleboro, Massachusetts 02346

EFFECTIVE DATE:

June 2, 2016

EXPIRATION DATE:

May 31, 2031

USE:

Cranberry Cultivation

DAYS OF OPERATION:

365

NUMBER OF WITHDRAWAL POINTS: 5 surface water

Withdrawal Point Locations

ID	Source	Latitude	Longitude	Location
1	Beaver Dam Brook LP #1	41° 52' 20"	70° 48' 02"	Cross Street, Carver
2	Beaver Dam Brook LP #2	41° 52' 16"	70° 47' 51"	Cross Street, Carver
3	Main Reservoir	41° 52' 28"	70° 47' 53"	Cross Street, Carver
4	Water Hole #1	41° 52' 26"	70° 47' 57"	Cross Street, Carver
5	Water Hole #2	41° 52' 17"	70° 47' 49"	Cross Street, Carver

SPECIAL CONDITIONS

1. <u>Authorized Annual Withdrawal Volume</u>

This permit authorizes the withdrawal of water from sources in the Buzzards Bay Basin. The permitted volume is expressed in millions of gallons, both as an average daily volume that may be withdrawn, and as a total volume that may be withdrawn annually from this source for the permit term. The withdrawal volume is based on 6 acre-ft of water per acre of bog per year.

The volume reflected by this rate is in addition to the 0.05 MGD (19.6 MGY) previously authorized to Johnson Brothers Cranberries, LLC under WMA Registration 4-24-052.17 for withdrawal from the Buzzards Bay Watershed.

Withdrawals are authorized as follows:

	Authorized Permit Volume		Registration + Permit = Total Volumes		
Permit Period	Daily Average (MGD)	Total Annual (MGY)	Daily Average (MGD)	Total Annual (MGY)	
06/01/2016 to 5/31/2031	0.08	29.3	0.05 + 0.08 = 0.13	19.6 + 29.3 = 48.9	

2. Authorized Cranberry Acreage

This permit authorizes Johnson Brothers Cranberries, LLC to withdraw water from the permitted withdrawal points listed above at Cross Street in Carver, for the cultivation of 15 acres of cranberry bog.

Bog Name	Address	Municipality	Permitted Acreage	Registered Acreage	Total WMA Authorized Acreage
Cross Street Bog	Cross St.	Carver	15.0	6.0	21.0

3. Water Conservation Requirements

Johnson Brothers Cranberries, LLC shall continue to adhere to the Best Management Practices (BMP's) as defined on Page 5 in the Memorandum of Agreement for Implementation of Water Conservation BMP's at Cranberry Bogs signed by the Cape Cod Cranberry Growers' Association, the Commission for Conservation of Soil, Water and Related Resources and the Department of Environmental Protection, effective September 8, 2004.

Johnson Brothers Cranberries, LLC has implemented water conservation BMPs for this bog, including:

- 1. annual flume and dike repair maintenance;
- 2. use of low-volume sprinkler heads;
- 3. on-site water supply/tailwater recovery system;
- 4. return of all unconsumed water back to the water supply/tailwater recovery system;

- 5. laser leveling of bog sections;
- 6. sequential flooding of bog.

4. <u>Mitigation of Withdrawals over 2003-2005 Baseline: Farm Plan/Chart Book</u>

The Permittee is required to mitigate the impacts of these permitted withdrawals because they are an increase over the Permittee's baseline withdrawal of 0.05 mgd (registered water withdrawals to cultivate 6 acres of bog as of 2005).

The mitigation requirement is fulfilled through implementation of the Permittee's Farm Plan, dated 2015, which was developed in conjunction with the Plymouth County Conservation District (PCCD). The Permittee shall operate its bogs according to the Farm Plan. The Permittee shall review its Farm Plan with the PCCD, and update as needed, every 5 years or if major changes are made to the farm or its operating practices.

The Permittee shall review and implement, as applicable, guidance from the annual update of the Cranberry Chart Book, published and distributed by the University of Massachusetts Cranberry Experiment Station. The Chart Book is provided free of charge and is freely available on the UMass Cranberry Experiment Station's website. The Permittee shall register its contact information with the Experiment Station to receive the annual Chart Book editions.

Specific provisions of the Permittee's Farm Plan that mitigate the impacts of the permitted water withdrawals include cultivation best management practices that provide water quality benefits by:

- 1. optimizing the use of fertilizer per The Best Management Practice Guide and UMass Cranberry Chart Book recommendations for nutrient management;
- 2. retaining excess nutrients through an on-site water supply/tailwater recovery system; and
- 3. reducing, whenever possible, nutrient and pesticide applications.

GENERAL CONDITIONS (applicable to all permittees)

No withdrawal in excess of 100,000 gallons per day over the registered volume (if any) shall be made following the expiration of this permit, unless before that date the Department has received a renewal permit application pursuant to and in compliance with 310 CMR 36.00.

- 1. **Duty to Comply** The Permittee shall comply at all times with the terms and conditions of this permit, the Act and all applicable State and Federal statutes and regulations.
- 2. **Operation and Maintenance** The Permittee shall at all times properly operate and maintain all facilities and equipment installed or used to withdraw water so as not to impair the purposes and interests of the Act.
- 3. Entry and Inspections The Permittee or the Permittee's agent shall allow personnel or authorized agents or employees of the Department to enter and examine any property over which Permittee has authority, title or control, for the purpose of determining compliance with this permit, the Act or the regulations published pursuant thereto, upon presentation of proper identification and an oral statement of purpose.

- 4. <u>Water Emergency</u> Withdrawal volumes authorized by this permit are subject to restriction in any water emergency declared by the Department pursuant to M.G.L. c. 21G, §§ 15-17, M.G.L. c. 150, § 111, or any other enabling authority.
- 5. <u>Transfer of Permits</u> This permit shall not be transferred in whole or in part unless and until the Department approves such transfer in writing, pursuant to a transfer application on forms provided by the Department requesting such approval and received by the Department at least thirty (30) days before the effective date of the proposed transfer. No transfer application shall be deemed filed unless it is accompanied by the applicable transfer fee established by 310 CMR 36.33.
- 6. **Duty to Report** The Permittee shall submit annually, on a form provided by the Department, a certified statement of the withdrawal. Such report is to be received by the Department by the date specified by the Department. Such report must be submitted as specified on the report form.
- 7. **Duty to Maintain Records** The Permittee shall be responsible for maintaining withdrawal and all other records as specified by this permit.
- 8. <u>Metering</u> (If Applicable). Transferring cranberry withdrawals to another use requires the authorized volume be verified based on actual water use at the bog(s) to be transferred.
- 9. Right to Amend, Suspend or Terminate The Department may amend, suspend or terminate the permit in accordance with M.G.L. c. 21G and 310 CMR 36.29.

APPEAL RIGHTS AND TIME LIMITS

This permit is a decision of the Department. Any person aggrieved by this decision may request an adjudicatory hearing as described herein and in accordance with the procedures described at 310 CMR 36.37. Any such request must be made in writing, by certified mail or hand delivered and received by the Department within twenty-one (21) days of the date of receipt of this permit. The hearing request, including proof of payment of the filing fee, must be mailed to:

Case Administrator
MassDEP Office of Appeals and Dispute Resolution
One Winter Street
Boston, MA 02108

No request for an appeal of this permit shall be validly filed unless a copy of the request is sent by certified mail, or delivered by hand to the local water resources management official in the community in which the withdrawal point is located; and for any person appealing this decision, who is not the applicant, unless such person notifies the permit applicant of the appeal in writing by certified mail or by hand within five (5) days of mailing the appeal to the Department.

CONTENTS OF HEARING REQUEST

310 CMR 1.01(6)(b) requires the request to include a clear and concise statement of the facts which are the grounds for the request and the relief sought. In addition, the request must include a statement of the reasons why the decision of the Department is not consistent with applicable rules

and regulations, and for any person appealing this decision who is not the applicant, a clear and concise statement of how that person is aggrieved by the issuance of his permit.

FILING FEE AND ADDRESS

The Department's fee transmittal form, together with a valid check, payable to the Commonwealth of Massachusetts in the amount of \$100 must be mailed to:

Commonwealth of Massachusetts Department of Environmental Protection P.O. Box 4062 Boston, MA 02211

The request shall be dismissed if the filing fee is not paid, unless the appellant is exempt or granted a waiver as described below.

EXEMPTIONS

The filing fee is not required if the appellant is a municipality (or municipal agency), county, district of the Commonwealth of Massachusetts, or a municipal housing authority.

WAIVER

The Department may waive the adjudicatory hearing filing fee for any person who demonstrates to the satisfaction of the Department that the fee will create an undue financial hardship. A person seeking a waiver must file, together with the hearing request, an affidavit setting forth the facts which support the claim of undue hardship.

Issuance Date: June 2, 2016

Jonathan E. Hobill, Regional Engineer

Bureau of Water Resources

Massachusetts Department of Environmental Protection

CROSS STREET BOG SHOWING WITHDRAWAL POINTS, 2014 AERIAL PHOTO

